Title (en)

MODERNISATION METHOD FOR LIFT SYSTEMS

Title (de)

MODERNISIERUNGSVERFAHREN FÜR AUFZUGANLAGEN

Title (fr)

PROCÉDÉ DE MODERNISATION DESTINÉ À DES INSTALLATIONS D'ASCENSEUR

Publication

EP 2346771 A1 20110727 (DE)

Application

EP 09736930 A 20091015

Priority

- EP 2009063507 W 20091015
- EP 08168324 A 20081105
- EP 09736930 A 20091015

Abstract (en)

[origin: WO2010052109A1] The invention relates to a modernization method for converting a hydraulically actuated elevator system into an elevator system (1) driven by a drive machine (3) having a drive sheave (4), wherein said modernization method makes it possible to convert and retain some essential elements of the existing elevator system. Cab support rollers (14, 15) are arranged beneath an underside (27) of an elevator cab (13) in the area of points (52, 52') of the underside (27) of the elevator cab (13) located opposite each other and are connected to the elevator cab (13). Furthermore, a support means (20) is guided along the underside (27) of the elevator cab (13) and about the cab support rollers (14, 15). The support means (20) is also guided about the drive sheave (4) so that the support means (20) can be driven by the drive sheave (4) of the drive machine (3) in order to actuate the elevator cab (13), in other words, to raise and lower the elevator cab.

IPC 8 full level

B66B 19/00 (2006.01)

CPC (source: EP US)

B66B 11/0206 (2013.01 - EP US); **B66B 19/002** (2013.01 - EP US); **B66B 19/005** (2013.01 - EP US); **B66B 19/007** (2013.01 - EP US); **B66B 19/02** (2013.01 - EP US); Y10T 29/49716 (2015.01 - EP US); Y10T 29/49721 (2015.01 - EP US); Y10T 29/4973 (2015.01 - EP US)

Citation (search report)

See references of WO 2010052109A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010052109 A1 20100514; CN 102202997 A 20110928; EP 2346771 A1 20110727; EP 2346771 B1 20130227; US 2011209318 A1 20110901; US 8407876 B2 20130402

DOCDB simple family (application)

EP 2009063507 W 20091015; CN 200980144273 A 20091015; EP 09736930 A 20091015; US 200913127895 A 20091015